



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
1850 LINCOLN STREET
DENVER, COLORADO 80295

To Tom T.:
File in Mercur
Canyon File
ACT/095/013

September 16, 1981

U.S. ENVIRONMENTAL PROTECTION AGENCY/STATE OF UTAH

PUBLIC NOTICE

PURPOSE OF PUBLIC NOTICE

THE PURPOSE OF THIS NOTICE IS TO STATE EPA'S INTENTION TO ISSUE WASTE WATER DISCHARGE PERMITS UNDER THE AUTHORITY OF THE CLEAN WATER ACT OF 1977, AND THE INTENTION OF THE STATE OF UTAH TO CERTIFY COMPLIANCE OF THE APPLICANTS WITH APPLICABLE PROVISIONS OF THE AFORESAID ACT.

IT IS EPA'S INTENTION TO ISSUE A PERMIT TO ONE (1) INDUSTRIAL FACILITY AND TO RENEW ONE (1) MAJOR MUNICIPAL AND ONE (1) MAJOR INDUSTRIAL FACILITIES LOCATED IN THE STATE OF UTAH.

PERMIT INFORMATION

(1) APPLICANT NAME: GETTY MINERAL RESOURCES COMPANY
MERCUR CANYON PROJECT

MAILING ADDRESS: P.O. BOX 15668
SALT LAKE CITY, UTAH 84115

TELEPHONE NUMBER: 801+487-0861

APPLICATION NUMBER: UT-0023884

The application is for the Mercur Canyon Project which consists of a gold surface mine and cyanidization mill complex. The tailings pond is designed for no discharge. A settling pond is provided to receive site runoff from the plant, ore storage areas, waste rock dump, and some mine drainage water. Water collected in the pond will be lost by evaporation or used for process water in the mill. In the event of a discharge, it will flow to Mercur Creek (unclassified ephemeral stream), tributary to the Rush Valley.

(2) PERMITTEE NAME: NEPHI CITY CORPORATION

MAILING ADDRESS: 54 NORTH MAIN
NEPHI, UTAH 84648

TELEPHONE NUMBER: 801+623-0822

NPDES PERMIT NUMBER: UT-0020818

The renewal permit is for the City's waste water treatment facilities which consist of a four-cell lagoon system. It is designed for secondary treatment capabilities for 450,000 gallons per day (GPD) and 3,600 population equivalent (P.E.). The first cell is aerated while the remaining three cells operate as facultative ponds. Chlorination is provided for disinfection of the treated effluent.

The waste water is predominantly of domestic origin. However, a meat packing plant contributes an average load of 14,000 GPD and 160 P.E. which could significantly impact treatment operations during certain heavy slaughtering days. Since the system was constructed, no discharge has been experienced. In the event of a discharge, it would flow to West Creek, a tributary of Currant Creek (classified 3A and 4).

(3) PERMITTEE NAME:	UTAH POWER & LIGHT COMPANY CARBON PLANT
MAILING ADDRESS:	P.O. BOX 899 SALT LAKE CITY, UTAH 84110
FACILITY ADDRESS:	P.O. BOX 839 HELPER, UTAH 84526
TELEPHONE NUMBER:	801+535-2234
NPDES PERMIT NUMBER:	UT-0000094

The renewal permit is for the Utah Power & Light's Carbon Plant located in Price River Canyon, about four miles north of the Town of Helper, Utah, and at the confluence of Willow Creek with the Price River. The Carbon Plant has two coal fired units rated at 66 megawatts (MW) and 100 MW.

There are, at present, two water discharges at the Carbon Plant. Discharge 001 is cooling tower blowdown and drainage from seal water, filtered through an automatic sand filter and discharged into Willow Creek which flows into Price River. Discharge 002, which was a boiler blowdown, was eliminated and is now part of Discharge 003. Discharge 003 consists of vacuum pump waters, air washer waters, sand filter backwash, raw water clarifier backflush, treated water room back flush, evaporator blowdown and boiler blowdown. The water stream is neutralized and sent to the Ash Pond prior to discharging into the Price River (classified 3C and 4).

EPA/STATE TENTATIVE DETERMINATIONS

Tentative determinations have been made by the EPA staff in cooperation with the State of Utah relative to effluent limitations and other conditions to be imposed on the permits. These limitations and conditions will assure that State Water Quality Standards and applicable provisions of the Clean Water Act will be protected. The recommended expiration dates are June 30, 1986, for Nephi City Corporation and September 30, 1986, for Getty Mineral Resources and Utah Power and Light Company.

The aforementioned receiving waters are classified in the Utah Water Quality Standards for the following beneficial uses:

- 3A - protected for cold water species of game fish and other cold water aquatic life;
- 3C - protected for nongame fish and other aquatic life; and
- 4 - protected for agricultural uses including irrigation of crops and stock watering.

PUBLIC COMMENTS

Public comments are invited anytime prior to October 16, 1981. Comments may be directed to the U.S. Environmental Protection Agency, Region VIII, Water and Hazardous Waste Enforcement Branch, Enforcement Division, 1860 Lincoln Street, Denver, Colorado 80295. All comments received prior to October 16, 1981, will be considered in the formulation of final determinations to be imposed on the permits.

If no objections are received within the specified thirty-day period, the Regional Administrator, EPA, will issue final determinations within sixty days of the date of this notice. A public hearing will be held if response to this notice indicates significant public interest.

FURTHER INFORMATION

Additional information may be obtained upon request by calling 303+837-4901, or by writing to the aforementioned address.

The complete applications, issued permits, permittees' requests for renewal of the permits and related documents are available for review and reproduction at the aforementioned address.

Public Notice Number: UT-81-008

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION VII
1860 LINCOLN STREET, SUITE 103
DENVER, COLORADO 80203

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